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Aluminium oxidation

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Birnessite; Rechargeable lithium battery; Drying condition; Cyclability; Substitution (Tsuda, M. (110) 52)

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Single cell performance

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Soaking

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SOFC SO

SOFC modelling; Viscosity; Thermal conductivity; Diffusion; Gas mixture properties (Todd, B. (110) 186)

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Composite particle; Spray pyrolysis; Ni–YSZ cermet anode; Long-term stability (Fukui, T. (110) 91)

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Solid solutions

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Solvation of lithium ion

Electrospray ionization-mass spectroscopy; Organic electrolyte solutions; Dimethoxyethane; Propylene carbonate (Fukushima, T. (110) 34)

Spinel

Li-ion battery; Capacity fading; Oxygen deficiency; Phase transition (Wang, X. (110) 19)

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State of charge sensors

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Thermocell; Br₂/Br⁻-redox reaction; Thermoelectric power; Opencircuit voltage; Hysteresis (Shindo, K. (110) 46)

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Thermal safety

All solid polymer electrolyte aluminum corrosion; Four volts class; Capacity fade (Li, Q. (110) 38)

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 $\label{eq:continuous} \begin{array}{lll} Temperature & difference; & Br_2/Br^--redox & reaction; & Thermoelectric \\ & power; & Open-circuit & voltage; & Hysteresis & (Shindo, K. (110) 46) \\ \end{array}$

Thermoelectric power

Temperature difference; Thermocell; Br₂/Br⁻-redox reaction; Opencircuit voltage; Hysteresis (Shindo, K. (110) 46)

Thermoplastic polyurethane

Lithium battery; Polyacrylonitrile; Composite polymer electrolyte (Kuo, H.-H. (110) 27)

Transmission electron microscope

Hydrous ruthenium oxide; Selected area electron diffraction (Zheng, J.P. (110) 86)

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YSZ thin film

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